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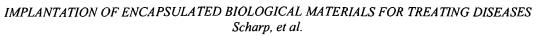
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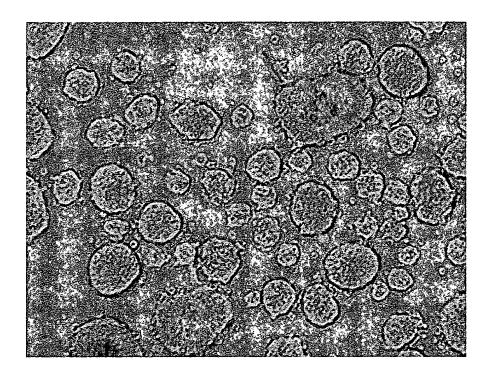
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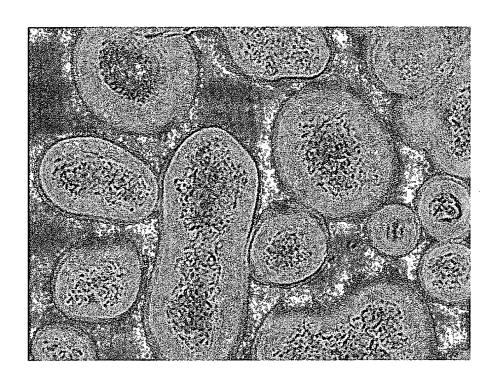
MAR 1 8 2004

Application No.:10/684,859

Attorney Docket: NOVCEL.017A



A



В

FIG. 1

HOOC

HOOC

$$AC_{2}O$$
 $AC_{2}O$
 $AC_{2}O$

FIG. 2

FIG. 3

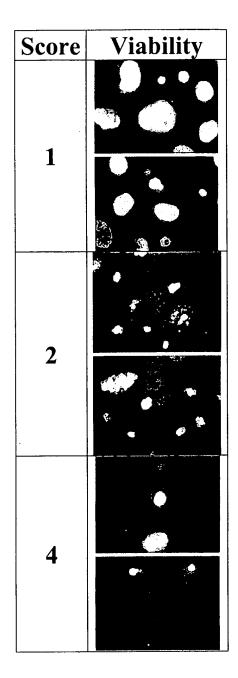


FIG. 4

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Application No.:10/684,859

<30 kD <60 kD 100 KD **× 100 KD MW Markers** 200 100 60 30 Unencapsulated **Islets**

FIG.

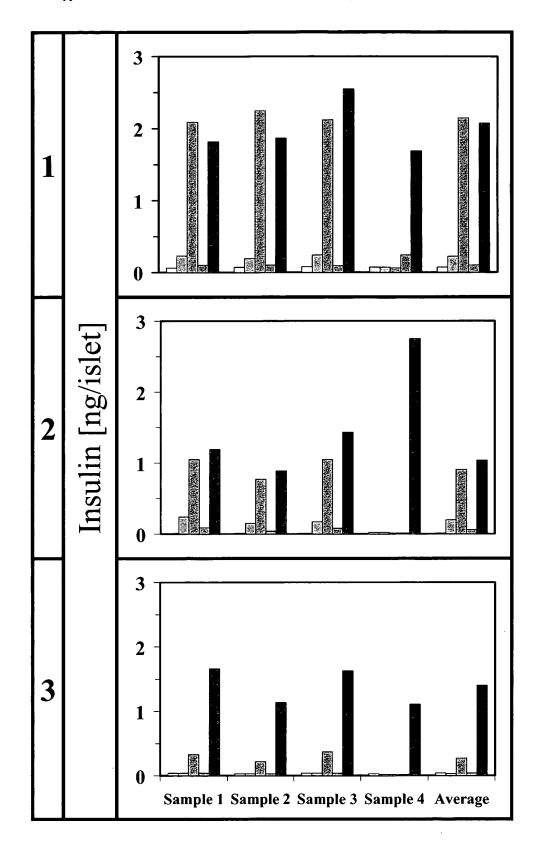


FIG. 6

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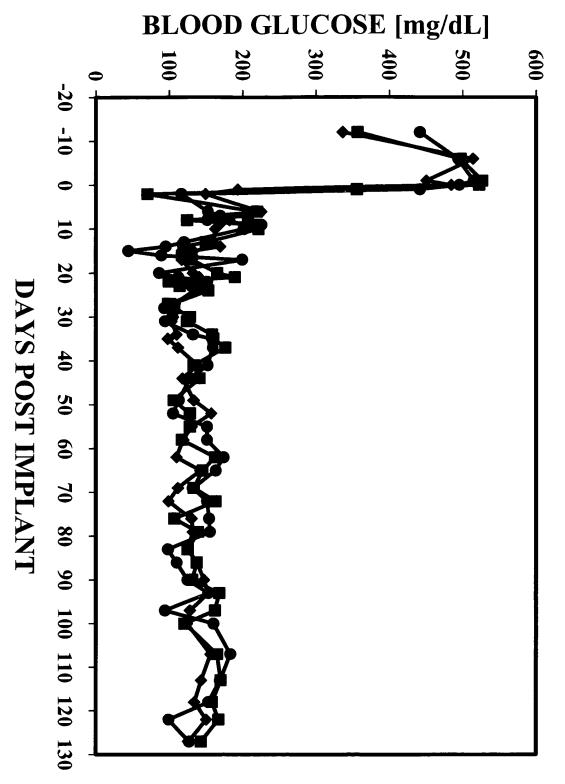


Fig. 7

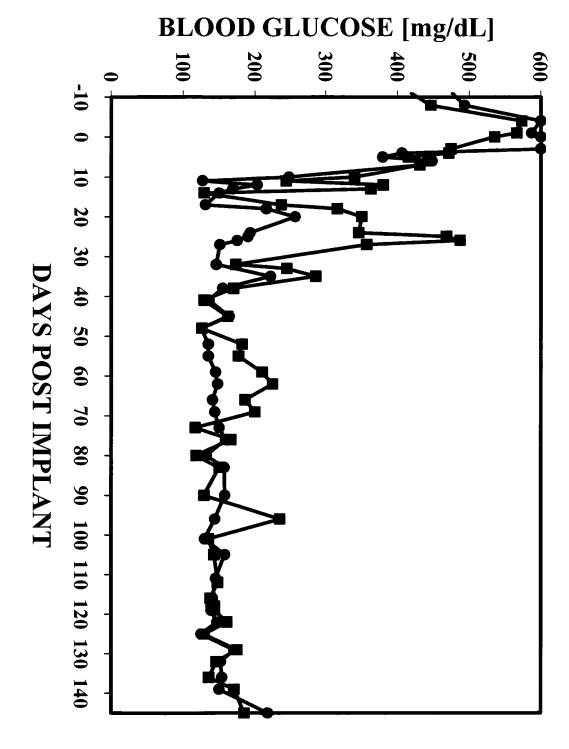


Fig. 8

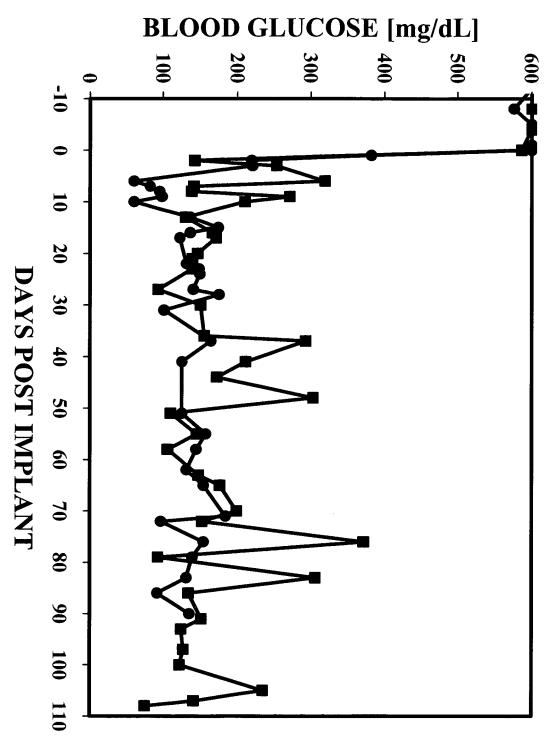


Fig. 9

IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES Scharp, et al.

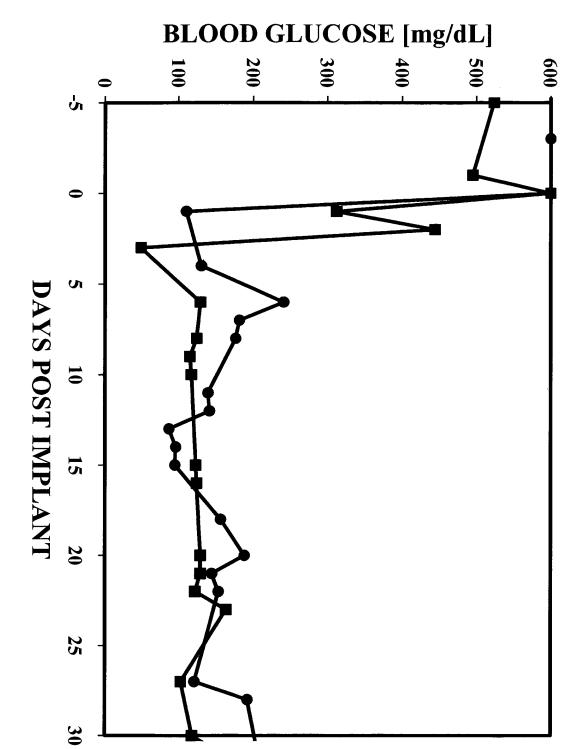


Fig. 10

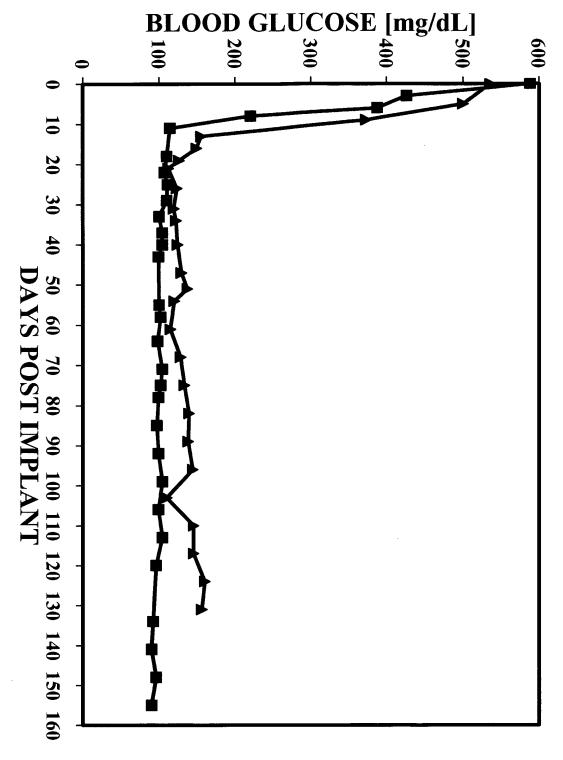


Fig. 11

Application No.:10/684,859 Attorney Docket: NOVCEL.017A

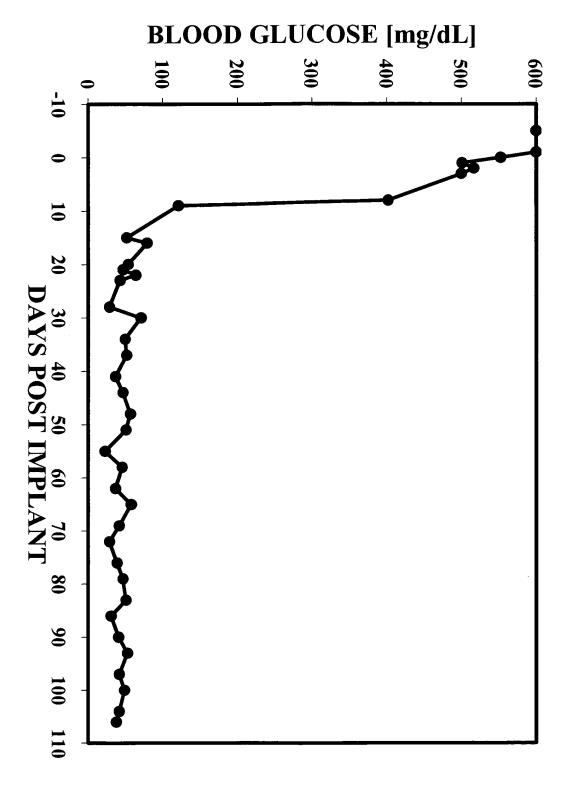


Fig. 12



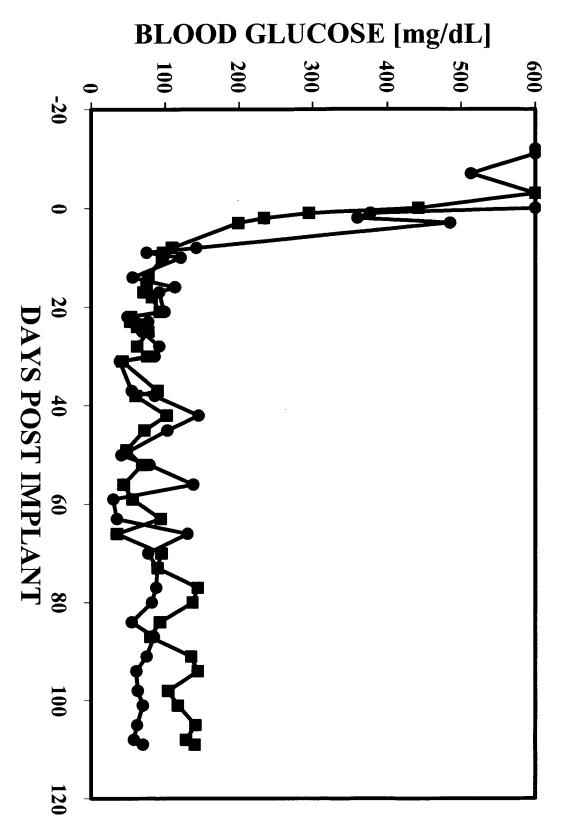
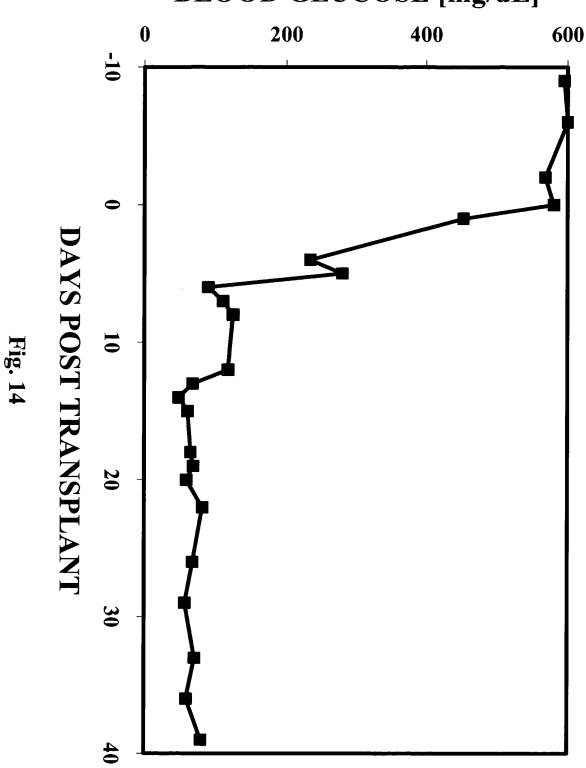


Fig. 13

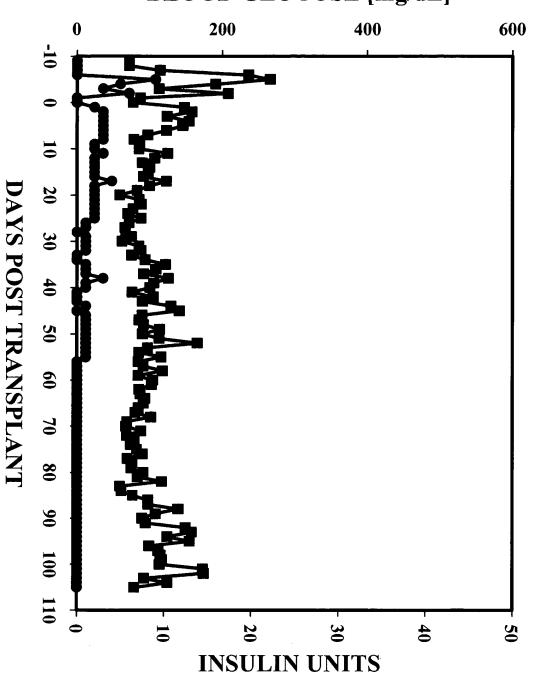
BLOOD GLUCOSE [mg/dL]



IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES Scharp, et al.

Attorney Docket: NOVCEL.017A

BLOOD GLUCOSE [mg/dL]



IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES

Scharp, et al.

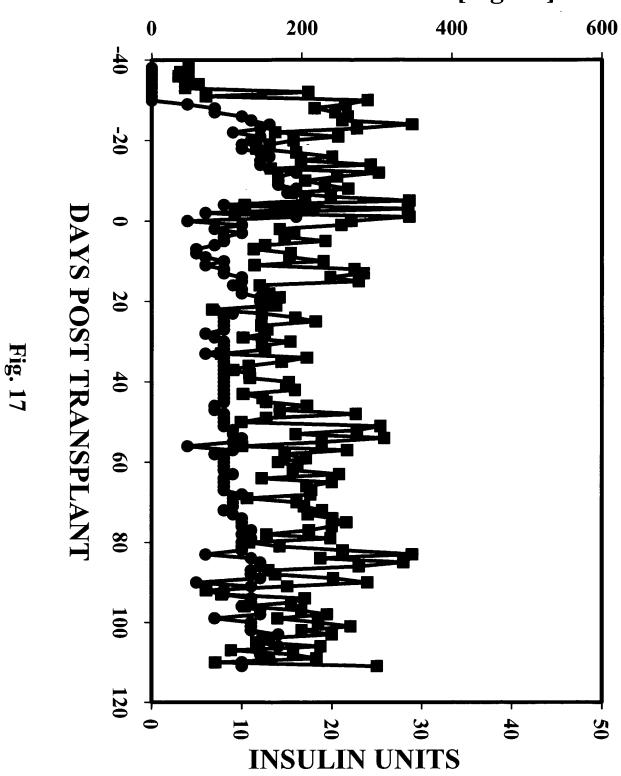
Attorney Docket: NOVCEL.017A

Fig. 15

IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES Scharp, et al. Attorney Docket: NOVCEL.017A



BLOOD GLUCOSE [mg/dL]



IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES Application No.:10/684,859 Scharp, et al. Attorney Docket: NOVCEL.017A

BLOOD GLUCOSE [mg/dL] 200 **400 600** IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES Application No.:10/684,859 Scharp, et al. Attorney Docket: NOVCEL.017A

40

50

30

20

INSULIN UNITS

Fig. 18

DAYS POST-TRANSPLANT

0

-40

-20

0

20

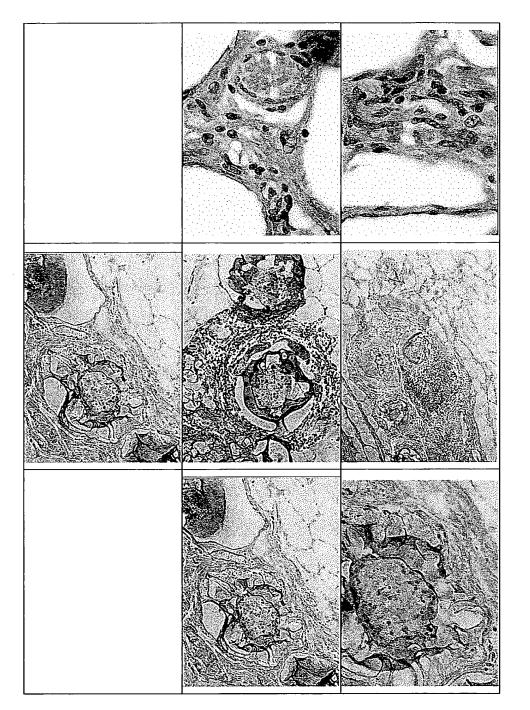
40

60

80

180 200 220

IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES Scharp, et al.



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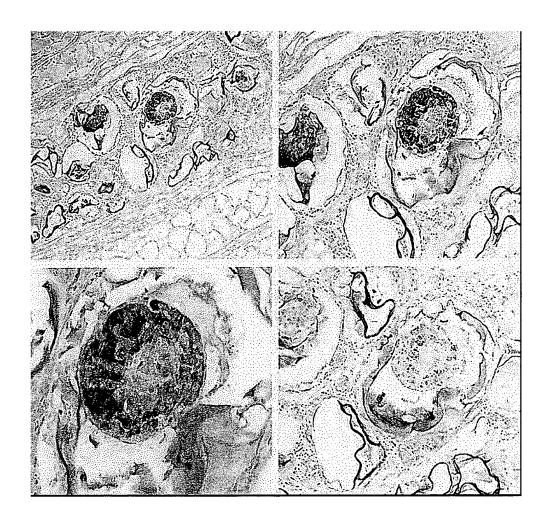


FIG. 20

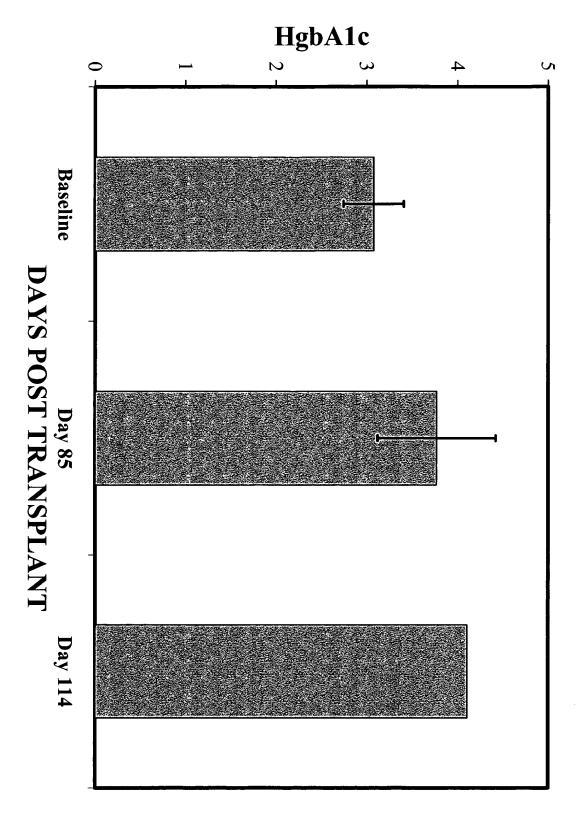
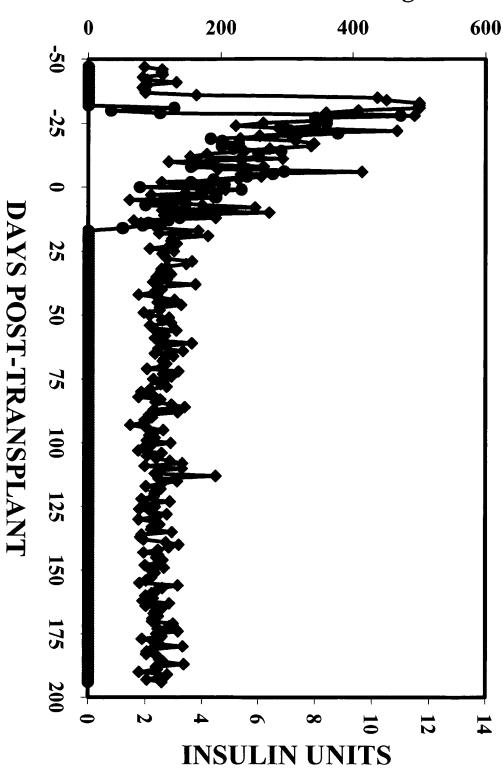


Fig. 21

BLOOD GLUCOSE mg/dL



IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES

Scharp, et al.

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FIG. 22

IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES Scharp, et al.

Application No.:10/684,859 Attorney Docket: NOVCEL.017A

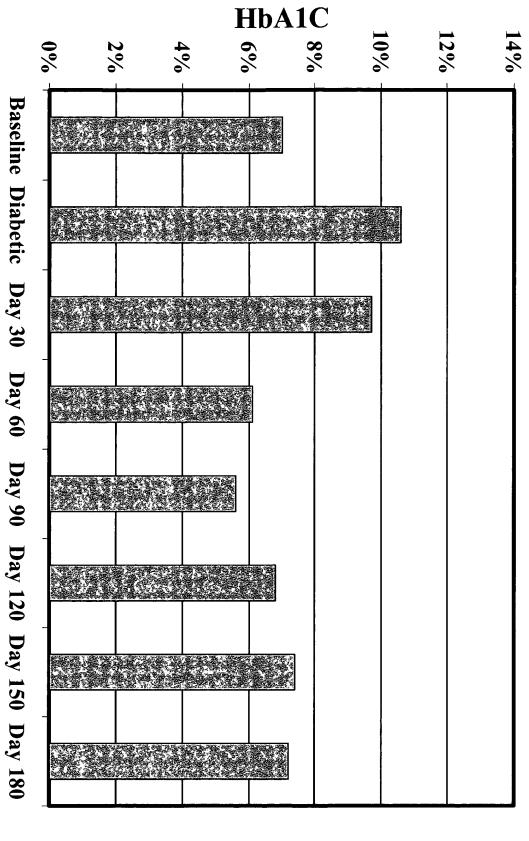
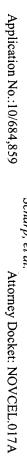
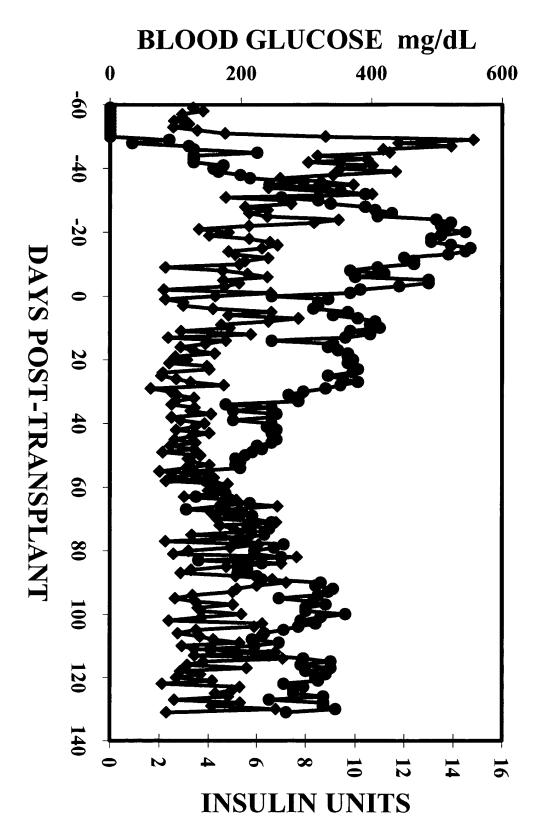


FIG. 23





IMPLANTATION OF ENCAPSULATED BIOLOGICAL MATERIALS FOR TREATING DISEASES Scharp, et al.

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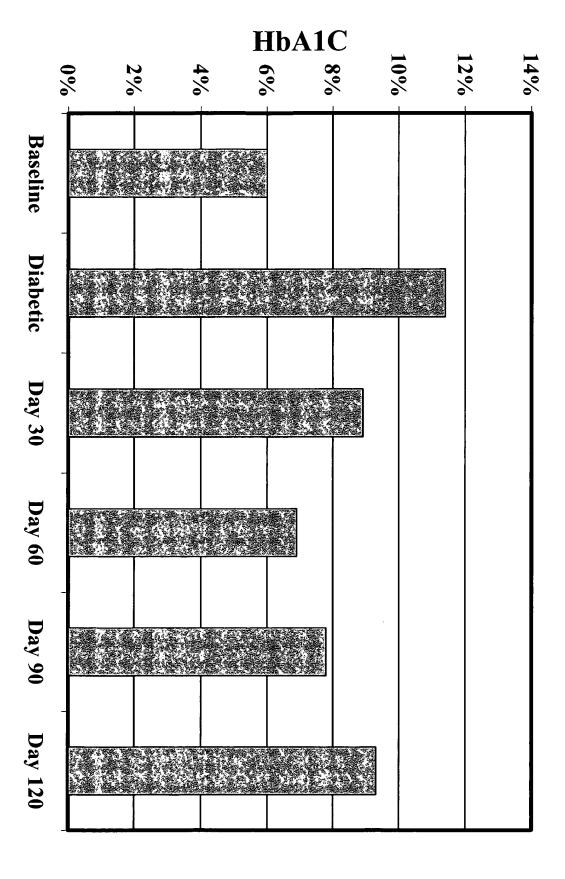
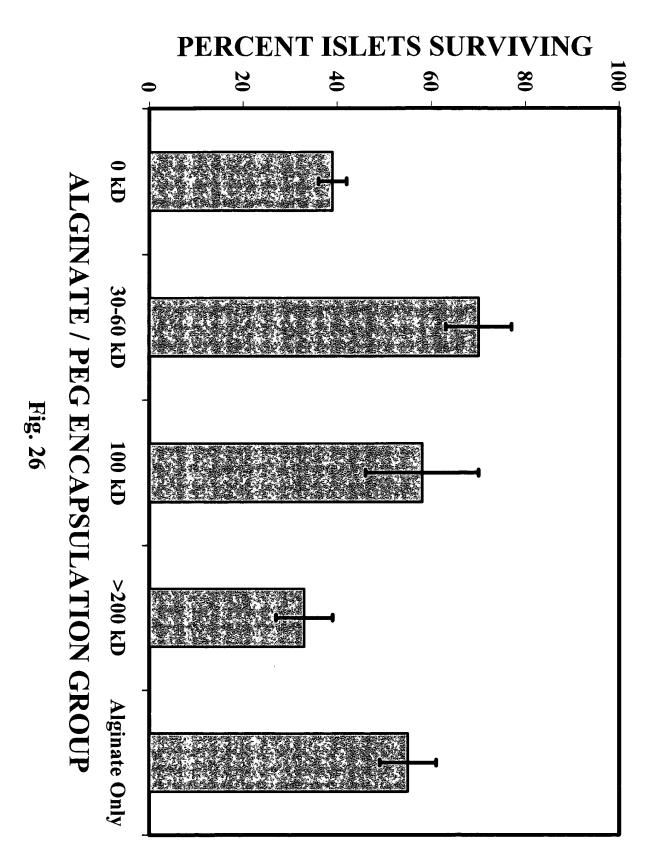
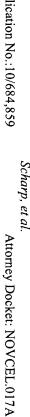
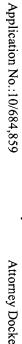


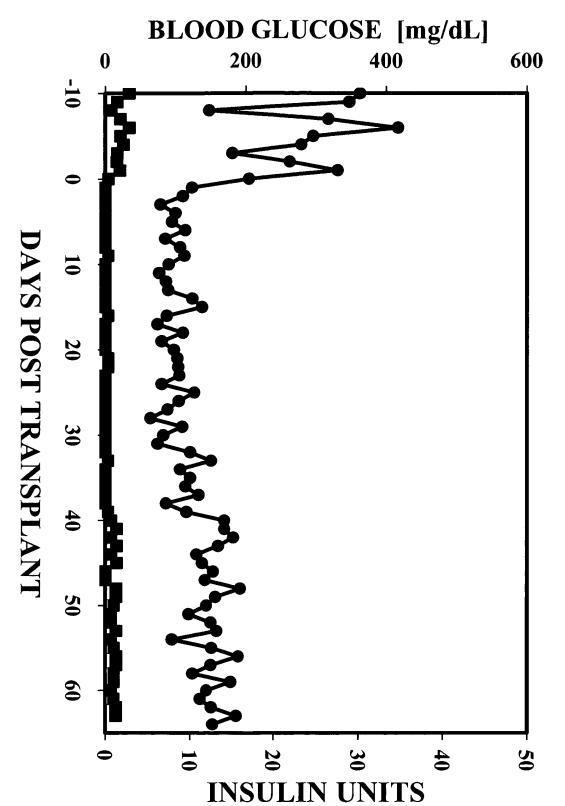
FIG. 25

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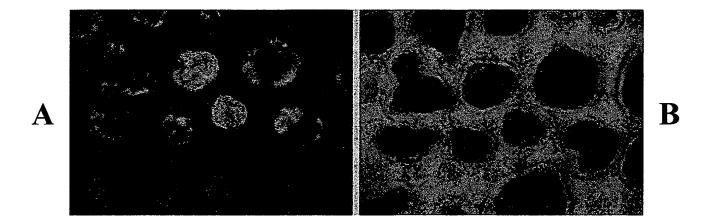


FIG. 28

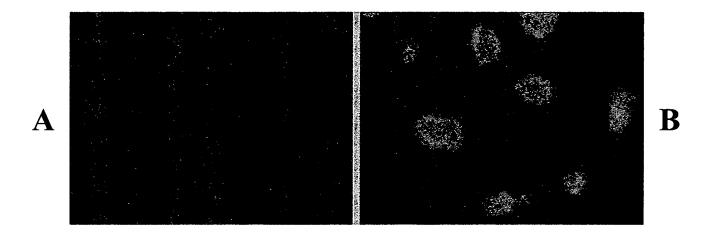


FIG. 29

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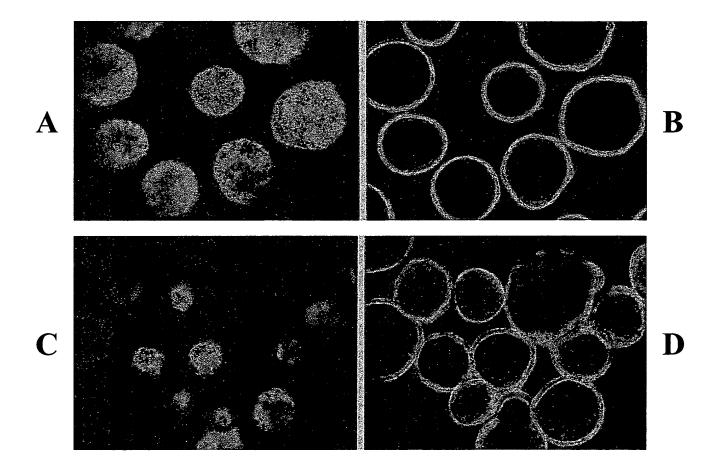


FIG. 30

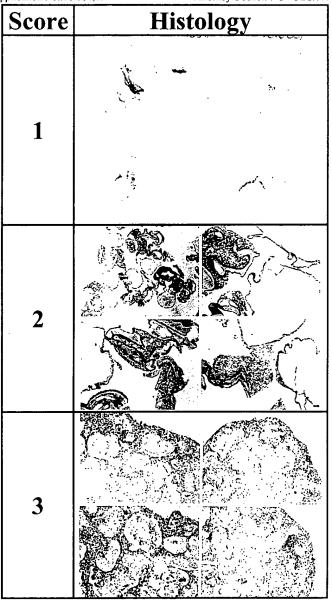


FIG. 32

Score	Histology
1	
2	
4	

Fig. 33

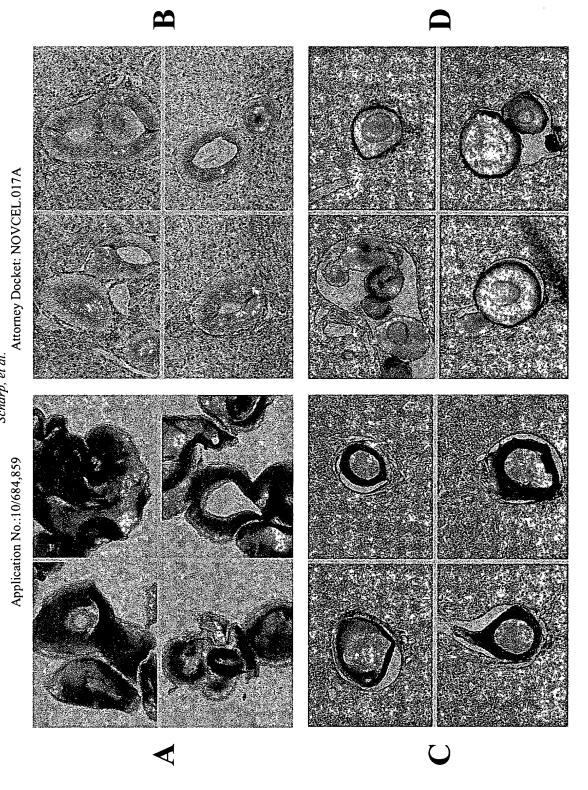


FIG. 31

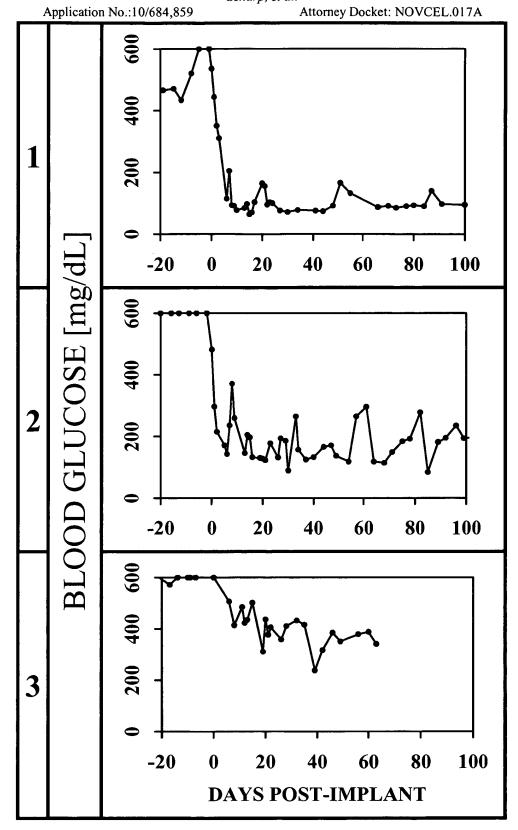


Fig. 34